

ABSTRACT

Cylindrical base bodies for photosensitive drums

5 according to first to fifth inventions are each formed by
using a conductive resin composition containing a resin base
material and a conductive agent dispersed in the resin base
material. The base body of the first invention is
characterized in that a dimensional accuracy is enhanced by
10 using a mixture of a polyamide and a low water absorption
resin as the conductive resin composition. The base body of
the second invention is characterized in that a uniform and
stable conductivity is obtained by using carbon black having
a specific DBP oil absorption amount as the conductive agent.
15 The base bodies of the third and fourth inventions are
characterized in that a surface smoothness and a strength
are enhanced by using a micro-spherical material or a flaked
shape material, or a fibrous inorganic material having a
specific fiber length and a specific fiber diameter as an
20 inorganic filler for reinforcement added to the conductive
resin composition. The base body of the fifth invention is
characterized in that occurrence of charging noise is
suppressed by using a composition having a specific $\tan \delta$ as
the conductive resin composition.